# Mathematics-Image-117

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$$\left\{ \overline{AB} \mid \quad A = \left( -\sin(\frac{2\pi k}{1000}),\ -\cos(\frac{2\pi k}{1000}) \right), \qquad B = \left( \frac{-1}{2}\sin(\frac{4\pi k}{1000}),\ \frac{-1}{2}\cos(\frac{2\pi k)}{1000}) \right), \qquad k = 1, 2, 3, ..., 1000 \right\}$$